

Please amend the application as follows:

**In the Claims:**

Claims 1-4 (canceled).

5. (currently amended) An isolated nucleic acid molecule consisting of a nucleotide sequence selected from the group consisting of:

(a) a nucleotide sequence that encodes an amino acid sequence shown in SEQ ID NOS:3, 5, 7...281, 283, 285;

~~(b) a variant of an amino acid sequence shown in SEQ ID NOS:3, 5, 7...281, 283, 285, wherein said nucleotide sequence hybridizes under stringent conditions to the opposite strand of a nucleic acid molecule shown in SEQ ID NOS:2, 4, 6...280, 282, 284, 286-293;~~

~~(c) a nucleotide sequence that encodes an ortholog of an amino acid sequence shown in SEQ ID NOS:3, 5, 7...281, 283, 285, wherein said nucleotide sequence hybridizes under stringent conditions to the opposite strand of a nucleic acid molecule shown in SEQ ID NOS:2, 4, 6...280, 282, 284, 286-293;~~

~~(d) a nucleotide sequence that encodes a fragment of an amino acid sequence shown in SEQ ID NOS:3, 5, 7...281, 283, 285, wherein said fragment comprises at least 10 contiguous amino acids; and~~

~~(e) a nucleotide sequence that is the complement of a nucleotide sequence of (a)-(d).~~

(b) a nucleotide sequence consisting of SEQ ID NO:1;

(c) a nucleotide sequence consisting of sequence selected from the group consisting of SEQ ID NOS: 2, 4, 6, ...280, 282, 284 and 286; and

(d) (e) a nucleotide sequence that is the complement of completely complementary to a nucleotide sequence of (a)-(d) (c).

Claims 6-7 (canceled)

8. (currently amended) A nucleic acid vector comprising a nucleic acid molecule of claims 4 ~~or~~ 5.

9. (original) A host cell containing the vector of claim 8.

Claims 10-39 (canceled)

40. (new) A process for producing a polypeptide comprising culturing the host cell of claim 9 under conditions sufficient for the production of said polypeptide, and recovering said polypeptide.

41. (new) An isolated polynucleotide consisting of the nucleotide sequence of SEQ ID NO:1.

42. (new) An isolated polynucleotide consisting of the nucleotide sequence selected from the group consisting of SEQ ID NOS: 2, 4, 6, ...280, 282, 284 and 286.

43. (new). The vector of claim 8, wherein said vector is selected from the group consisting of a plasmid, a virus, and a bacteriophage.

44. (new) The vector of claim 8, wherein said isolated nucleic acid molecule is inserted into said vector in proper orientation and correct reading frame such that a polypeptide comprising SEQ ID NOS: 3, 5, 7...281, 283, 285 may be expressed by a cell transformed with said vector.

45. (new) The vector of claim 44, wherein said isolated nucleic acid molecule is operatively linked to a promoter sequence. --